

FIGURE 1a

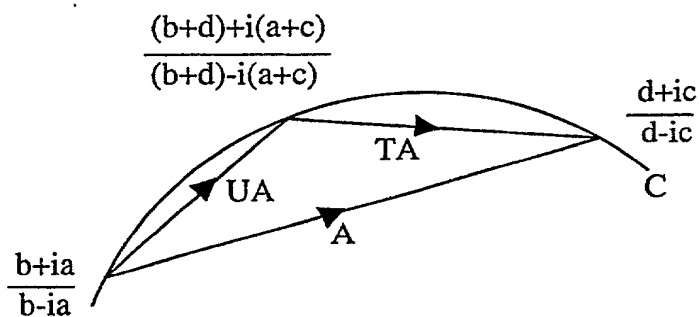


FIGURE 1b

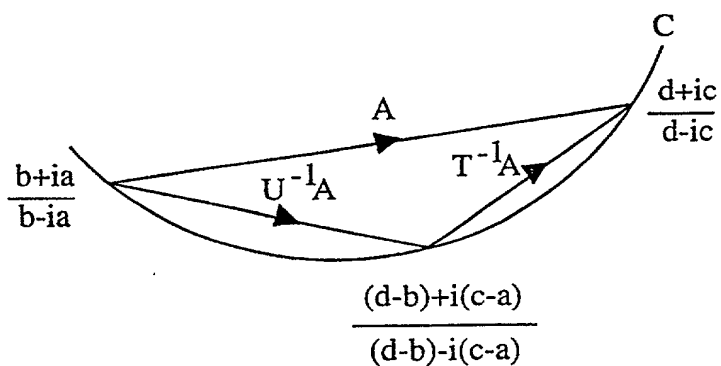


FIGURE 1c

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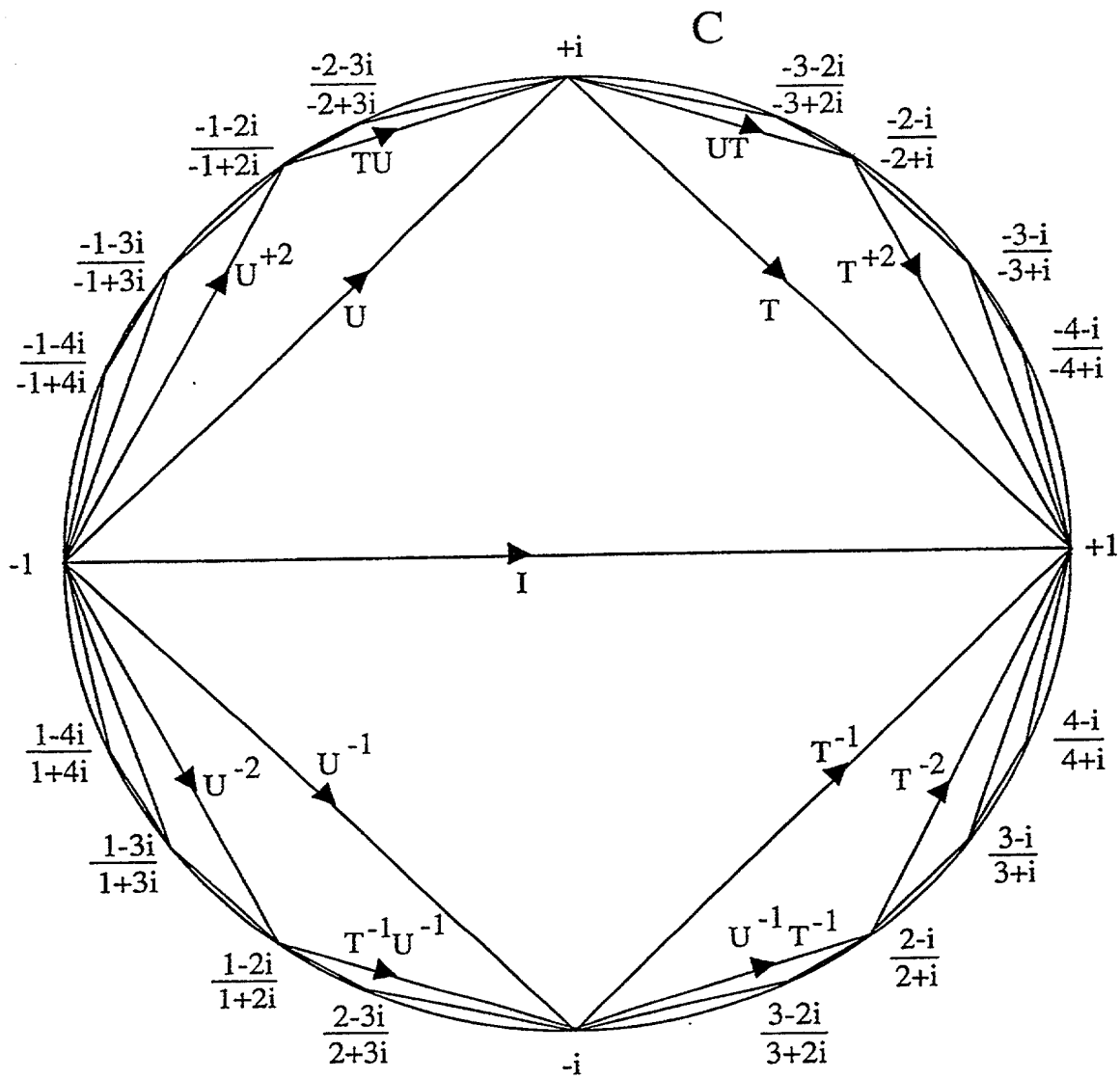


FIGURE 2

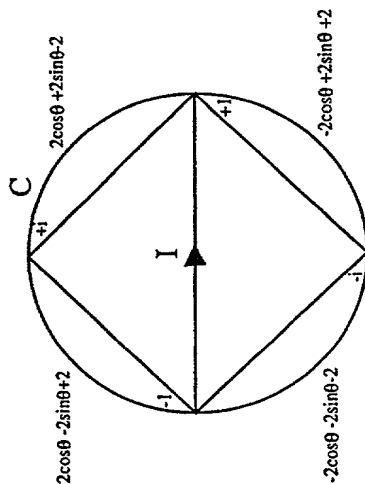


FIGURE 3a

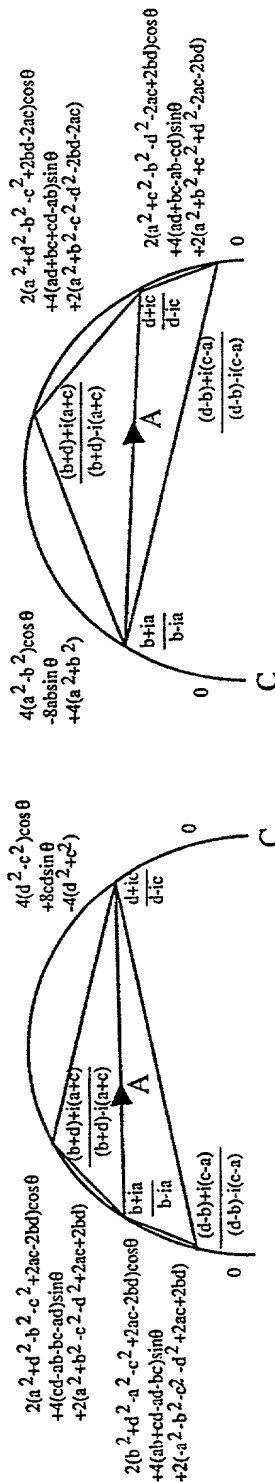


FIGURE 3b

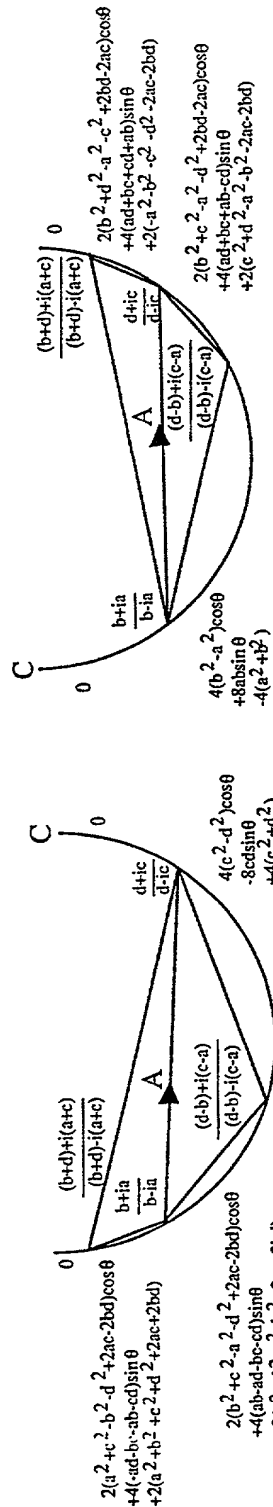


FIGURE 3c

FIGURE 3d

FIGURE 3e

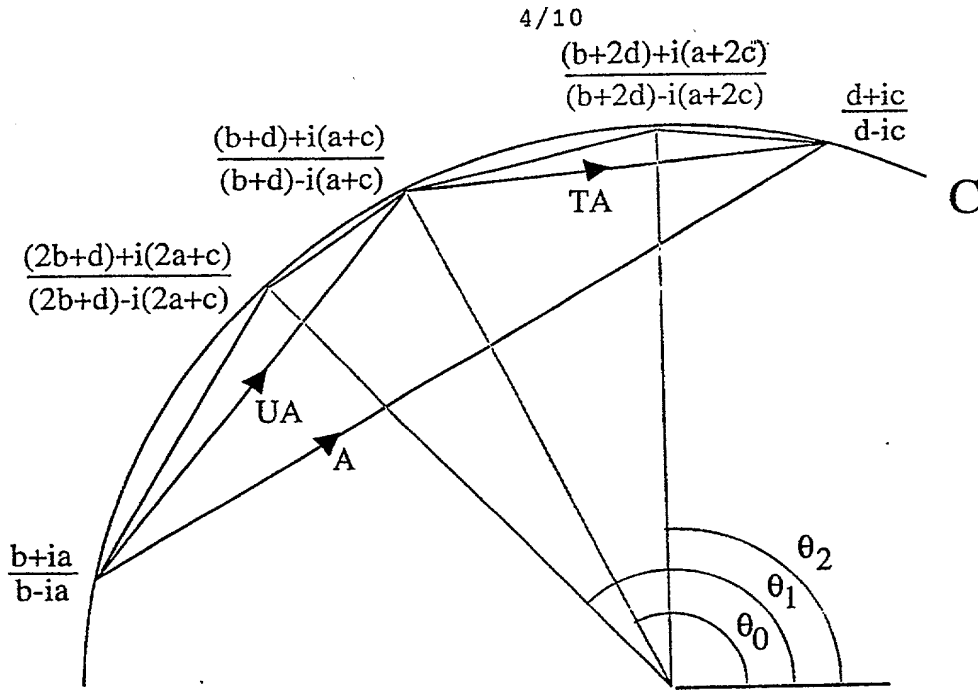


FIGURE 4

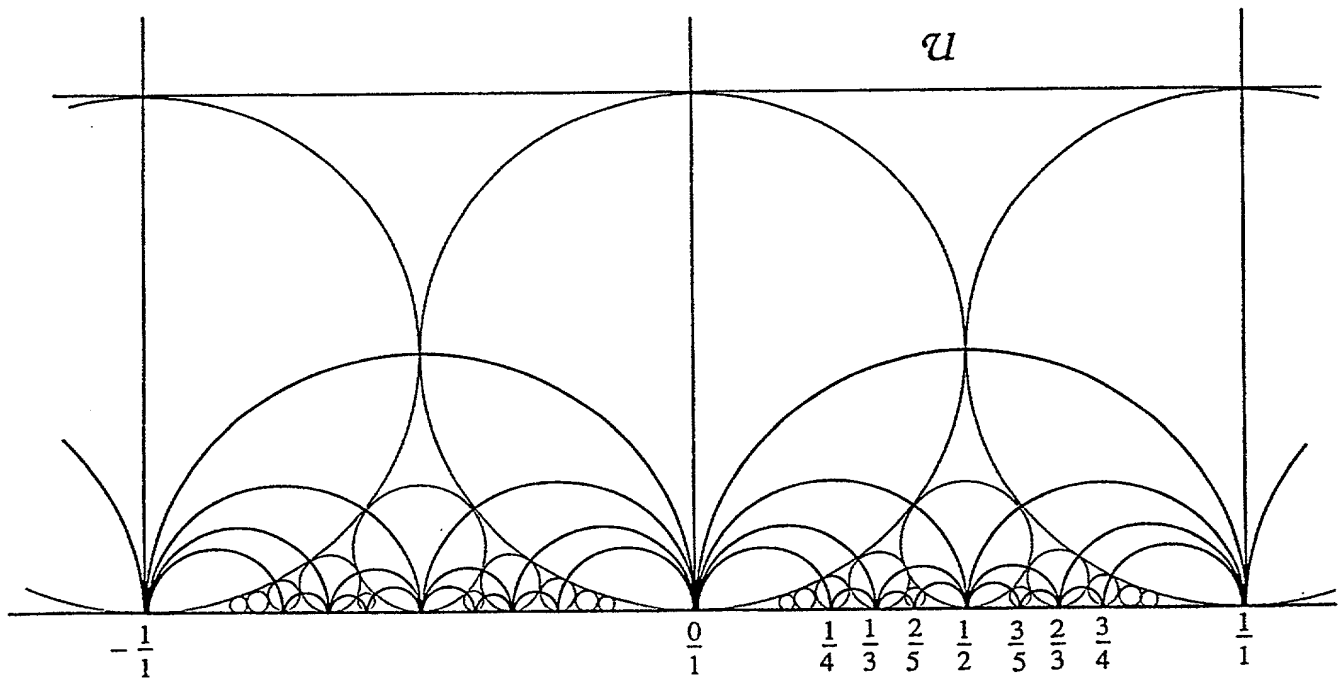


FIGURE 11

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Routine: main

Data, Variables, and Effects:

input: data presented as a function $f(p,q)$,
giving the function value at the
point $(p-iq)/(p+iq)$

output: array of complex Fourier coefficients
effect: calculates Fourier transform

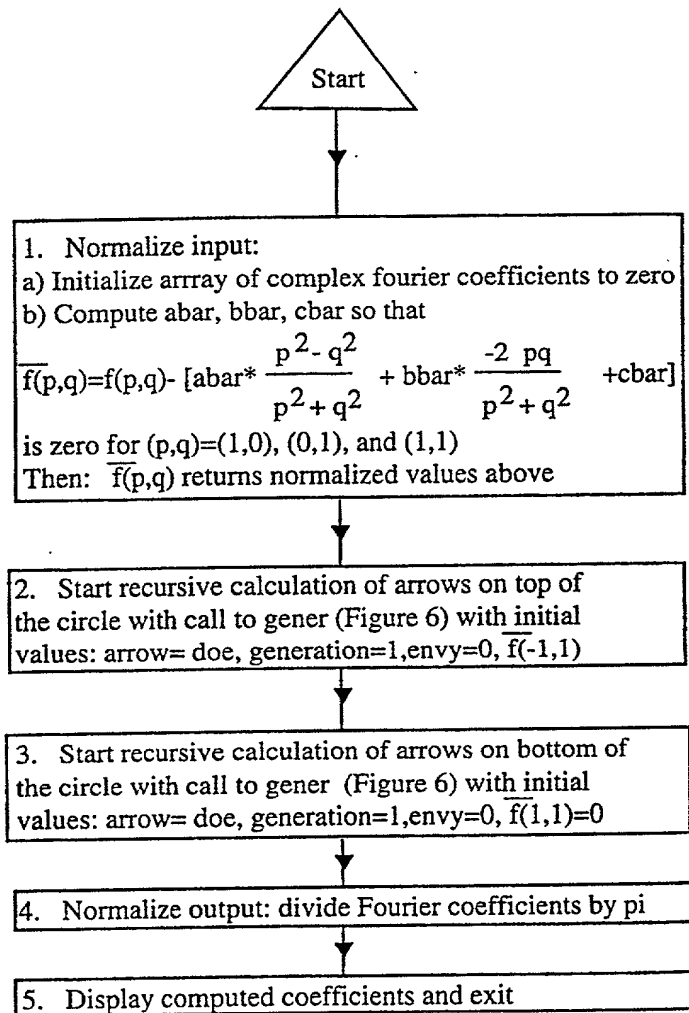


FIGURE 5

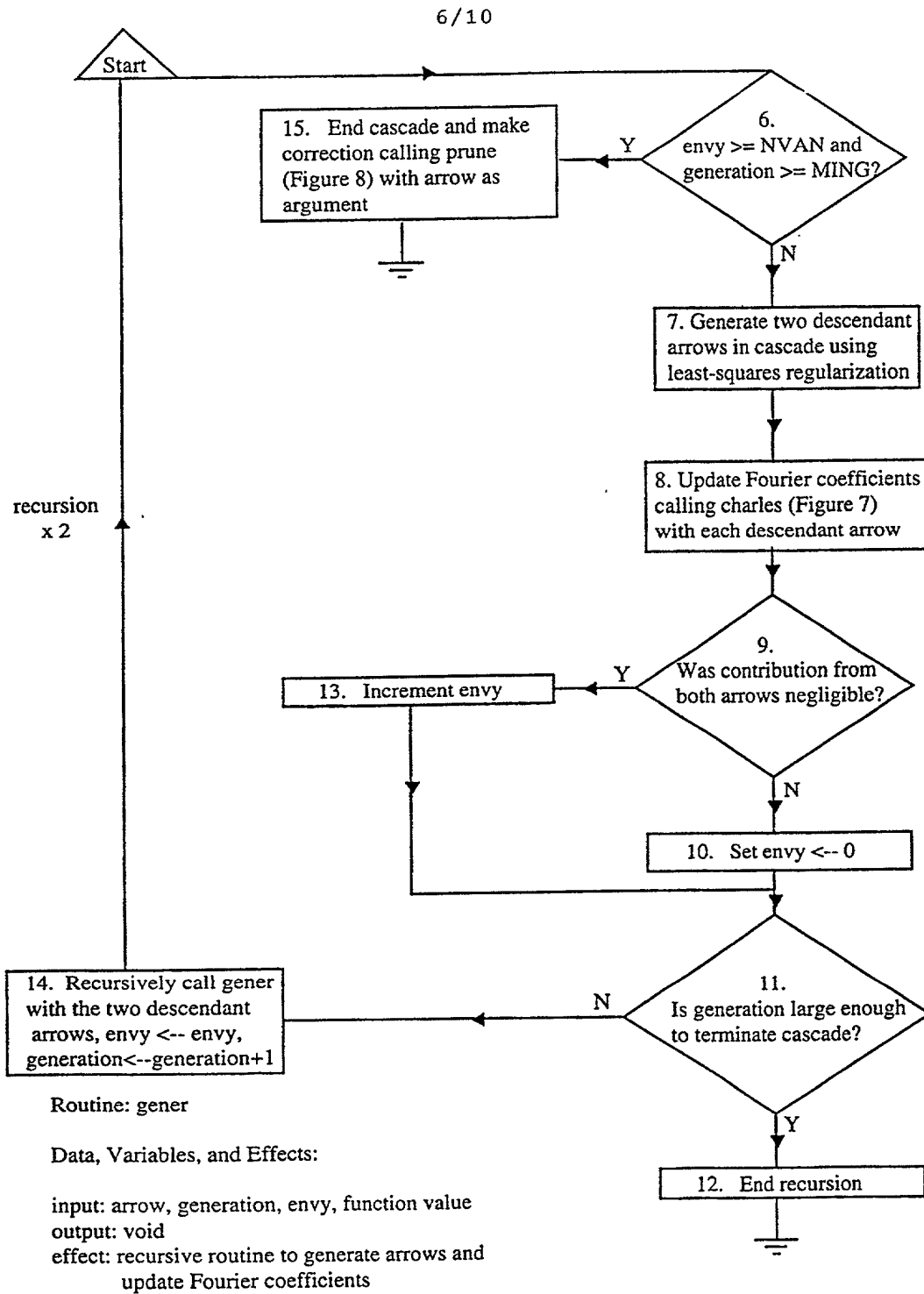
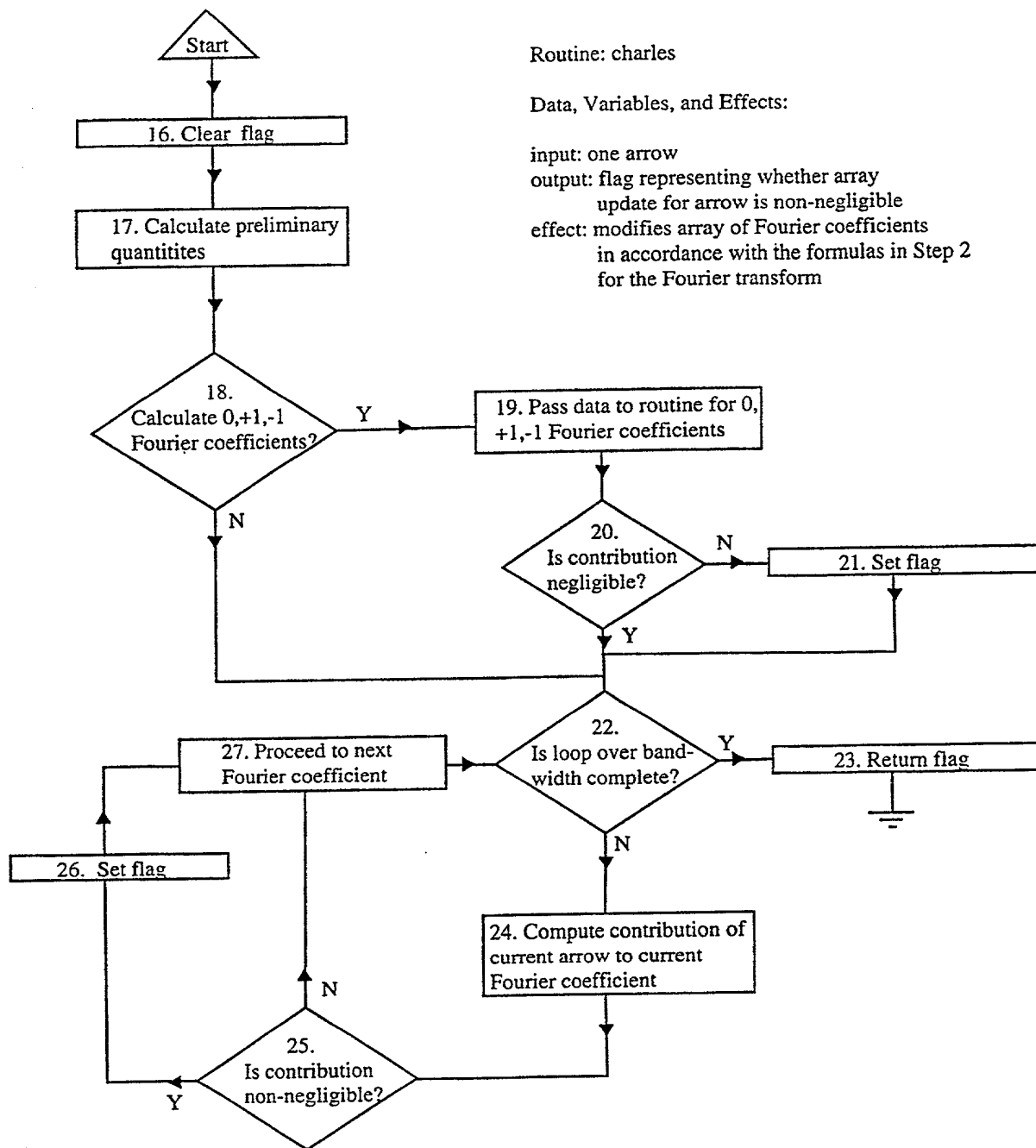


FIGURE 6

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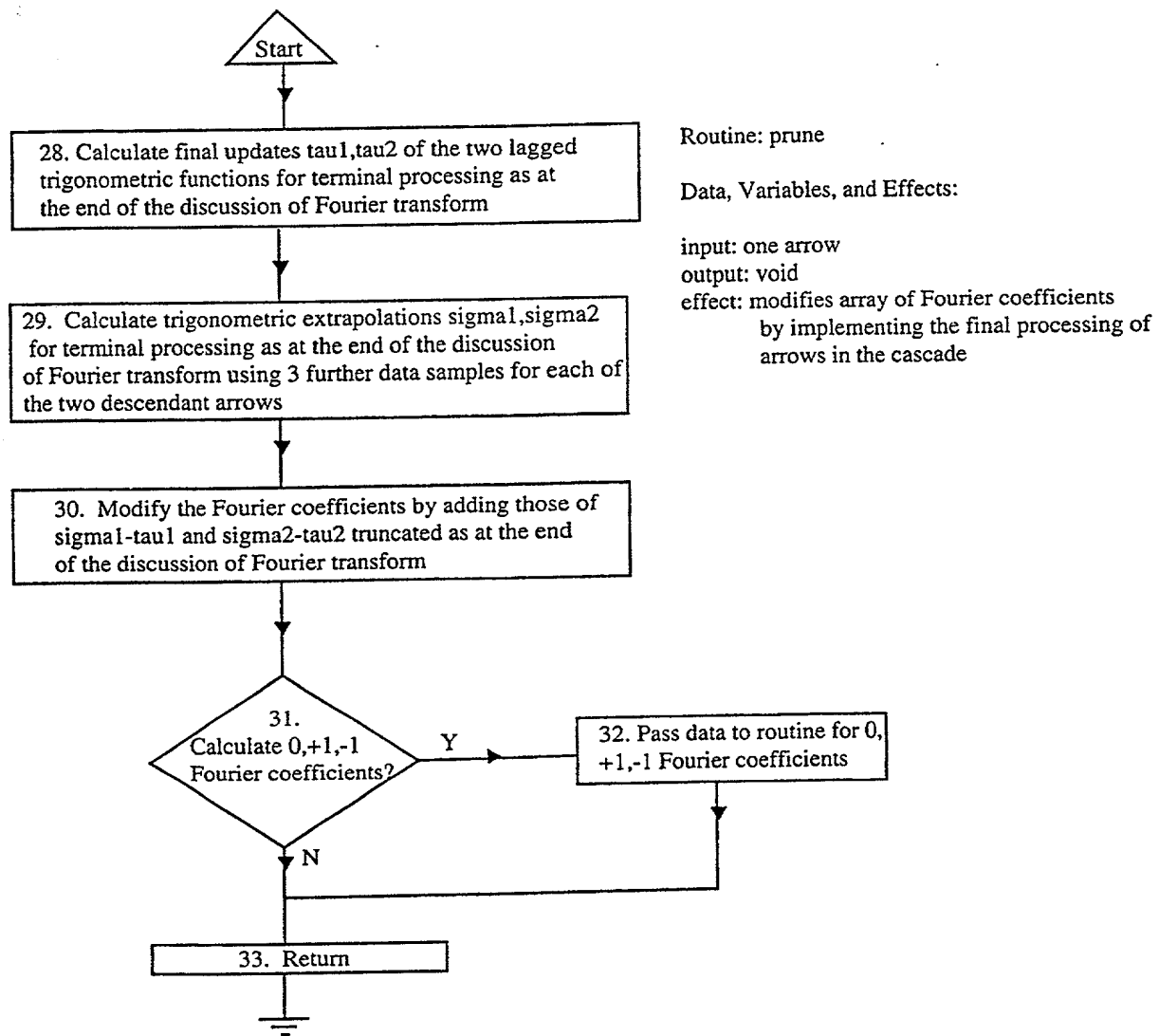
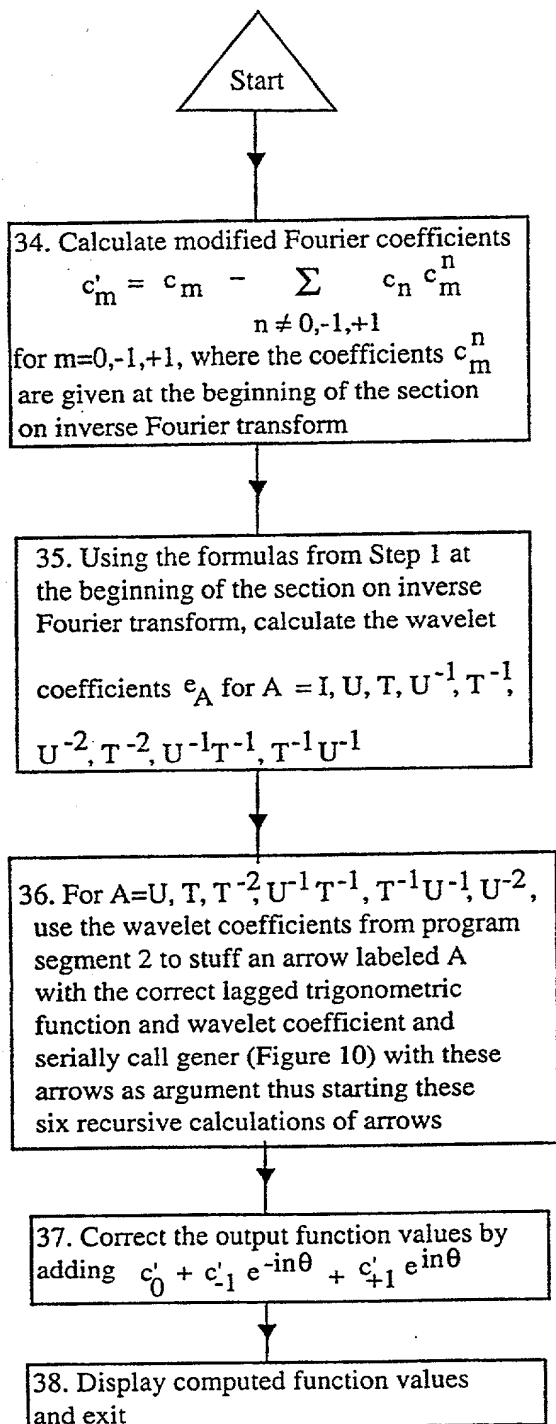


FIGURE 8

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Routine: main

Data, Variables, Effects:

input: array of complex Fourier coefficients
 c for $|n| \leq N$ output: array of three-tuples (p, q, z) , where
output function takes complex value
 z at $(p-iq)/(p+iq)$ given in the counter-
clockwise order on the circle

effect: calculates inverse Fourier transform

FIGURE 9

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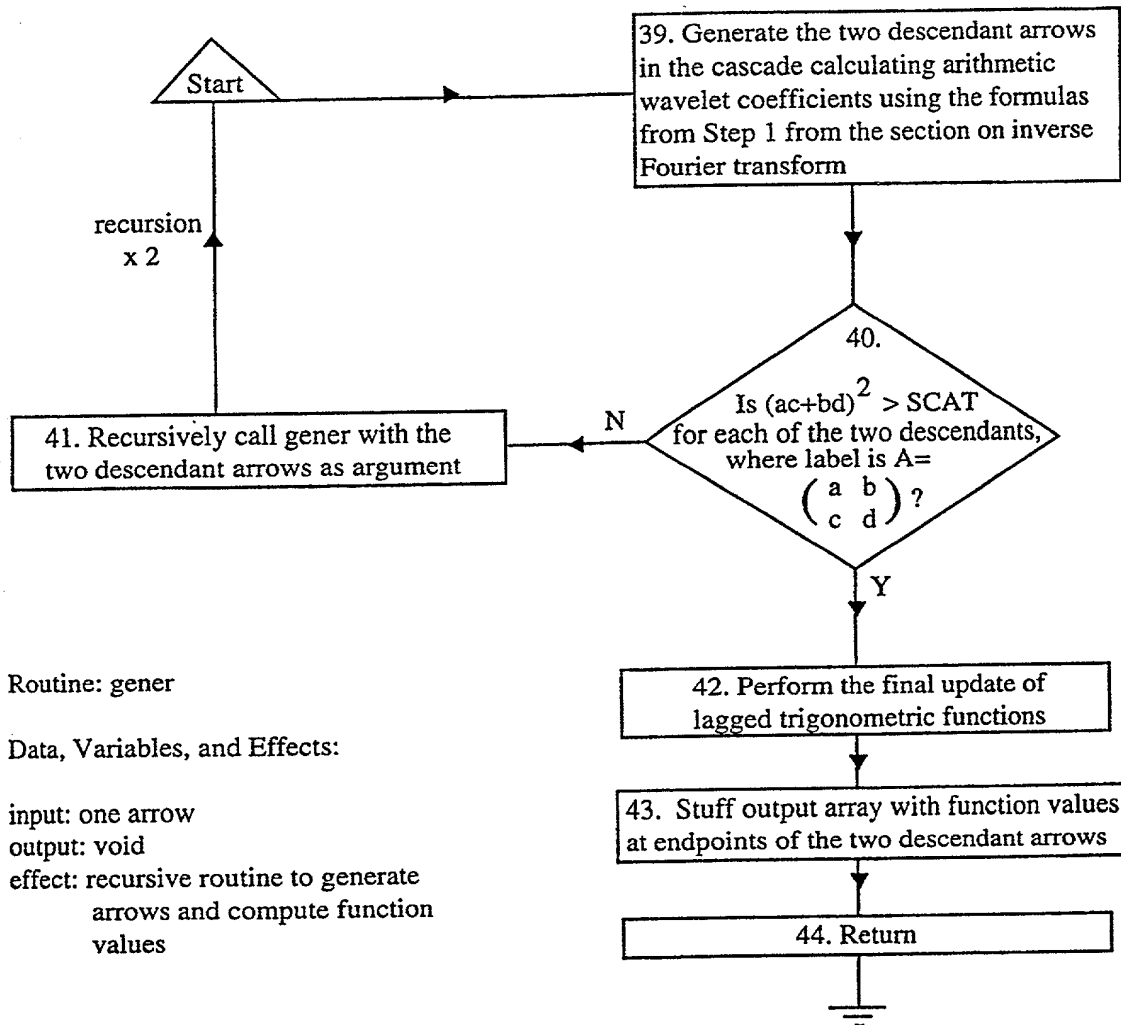


FIGURE 10